

SI No.	Deptt	List of Sponsored Research Project 2021-22				Rs in Lakh	
		P.I. Name	Sanction Letter No. & Dt.	Project Entitle	Funding Agency	Total Sanction	Amt Received in the session 2021-22
1	Pure & Applied Physics	Dr.Goverdhan R Turpu	CSR-IC-ISUM-52/CSR-335/2020-21/793, Dated- March 4, 2021	Exploring sturcture -Properly Relationship in Polar magnet Fe ₂ -xAxMo ₃ -xWy O ₈	UGC DAE CSR, Indore	2.26	2.26
2	Pure & Applied Physics	Dr.Goverdhan R Turpu	CRG/2021/006934, Dates-01-Mar-2022	Exploring Multiferroicity in Hollandite type Mn - based Oxide Materials through Experimental and Theoretical Studies	DST - SERB, NEW DELHI	43.28	28.50
3	Pure & Applied Physics	Dr Arun Kumar Singh	SRG/2021/001326-G, Dates-31 Dec, 2021	Development of Self-Powered Flexible Photo detectors Based on Solution Processable Organic-Inorganic Two Dimensional Materials	SERB, New Delhi	32.70	24.20
4	Pure & Applied Physics	Dr Arun Kumar Singh	CRS/2021-22/01/359, Dates-30-03-2022	Tailoring the properties of 2D materials using WO ₃ and MoO ₃ nanostructures	UGC DAE CSR, Indore	2.26	2.26
5	Zoology	Prof. LVKS Bhaskar	Sanction order no.27(0371)/20/EMR-II, Dated 17-07-2020	Evaluating the interrelationship between miRNA expression and SNPs in miRNA-Target genes in sickle cell disease	CSIR	32.16	21.44
6	Zoology	Prof. LVKS Bhaskar	56/4/2019-Hae/BMS Dated 08-07-2019	Association of apelin with the vaso-occlusive pain crisis and pain measures in sickle cell disease	ICMR	25.00	9.99
7	FORENSIC SCIENCE	Dr. Ajay Amit	F.30-551/2021(BSR)	<i>In-vitro</i> analysis of effect of cannabidiol (CBD) and Delta-9-Tetrahydrocannabinol (THC) on macrophage mediated pathogenesis of <i>Leishmania donovani</i>	UGC	10.00	8.00
8	FORENSIC SCIENCE	Dr. Chanchal Kumar	F.30-551/2021(BSR)	Synthesis and yield enhancement of pyrroloquinoline quinone for cloning and an over expression of <i>pqq</i> gene cluster in <i>Enterobacter asburiae</i> PS13	UGC	10.00	8.00
9	Rural Technology and Social Development	Dr. Pushpraj Singh (PI), Dr. Dilip Kumar (Co-PI)	F.No. 58/19/NCST/2022-Admin Dated 28-03-2022	Research Study on a comprehensive study of the issues of rehabilitation and resettlement of Dwellers at Achanakmar Tiger Reserve (ATR) area in Chhattisgarh State	National Commission for Scheduled Tribes, Government of India, New Delhi, 110003	12.60	6.30
10	Forestry	Dr. Garima Tiwari	14.12.2022	Effect of various anthropogenic pollutants on avian diversity patterns along a rural urban gradient in bilaspur, Chhattisgarh	CGCOST, Chhattisgarh	3.40	0.45
11	Forestry	Dr. Ajay Kumar Singh	15.03.2022	A Survey on poverty and livelihood vulnerability of the revaruan communities in the contacts of pollution of the arpa river in Bilaspur, Chhattisgarh	CG Planning Commission	5.00	3.00
12	CHEMISTRY	Dr. Suryabhan Singh	F.30-551/2021(BSRR) Dt 18.08.2021_UGC-BSR Research Start-Up-Grant	Metal Organic Framework (MOF) Derived Nanomaterials: Syntheses, Characterization and Catalytic Applications	UGC, New Delhi	10.00	8.00

SI No.	Deptt	List of Sponsored Research Project 2021-22				Rs in Lakh	
		P.I. Name	Sanction Letter No. & Dt.	Project Entitle	Funding Agency	Total Sanction	Amt Received in the session 2021-22
13	CHEMISTRY	Dr. Niraj Kumari	F.30-551/2021(BSRR) Dt 30.11.2021_UGC-BSR Research Start-Up-Grant	Study On Spontaneous Helical Folding Of Metallo-Supramolecular Complexes And Their Applications	UGC, New Delhi	10.00	8.00
14	CHEMISTRY	Dr. Uday Pratap Azad	F.30-551/2021(BSRR) Dt 29.07.2021_UGC-BSR Research Start-Up-Grant	Metal nano clustures/porous carbon based catalysts for fuel/energy and biosensing	UGC, New Delhi	10.00	8.00
15	CHEMISTRY	Dr. Bijaneswar Mandal	F.30-551/2021(BSRR) Dt 30.11.2021_UGC-BSR Research Start-Up-Grant	Design and Synthesis of porous Covelenat Organic cages for Molecular recognition and Catalysis	UGC, New Delhi	10.00	8.00
16	CHEMISTRY	Prof.G.K. Patra	EMR/2017/001789	Metal Complexes of Amide-based ligands for Efficient Synthesis of Degradable Benign Polymers and Sensing Applications	DST-SERB	28.28	7.00
17	CHEMISTRY	Dr. Manorama	3017/21/EMR-II	A Novel electrocatalytic Sensing Scaffold For nitroaromatic Compounds based on Graphene and pervoskite nanomaterial	CSIR, New Delhi	14.40	3.15
18	CHEMISTRY	Dr. V.K. Rai	CRG//2021/1162	Synergistic Electro-organic/Photoredox catalysis to access stereoselectiveDascade reactions	DST-SERB	44.12	8.78
19	Chemical Engineering	Dr. Ghoshna Jyoti	Project No. F.30-551 /2021 (BSR) Dated: 30/11/2020	Comparative study on homogeneous and heterogeneous catalytic esterification of mono-carboxylic acids with butyl alcohol	UGC Start up grant	10.00	8.00
20	Pharmacy	Dr Harish Rajak	58/33/2020/PHA/BMS dated 29.03.2022	Anticancer Evaluation of Novel Hydroxamic Acids as Histone Deacetylase Inhibitors	ICMR	24.00	18.17
21	Pharmacy	Prof V D Rangari and Dr Dilipkumar Pal	F4/2018/DRS-II (SAP II) dt 13.07.2018	Phytochemical and pharmacological evaluation of some medicinally important plants of Chhattisgarh state. UGC SAP	UGC	55.00	0.00
22	Pharmacy	Dr. Akhilesh Jain	58/03/2019/PHA/BMS dt 05.01.2021	Pre-Clinical development of Patented Biphenyl-Thiazolidine dione for the effective management of diabetes	ICMR	19.00	0.00
23	Pharmacy	Prof V D Rangari and Dr Arjun Patra	SR/FST/LS-1/2019/605 dt 07.01.2020	FIST Program	DST-FIST	50.00	0.00
24	Pharmacy	Dr P P Roy	EMR/2017/004497 Dt. 14.09.2018	Computational ecotoxicological modeling and risk assessment of selected classes of pesticides using chemometric tools	SERB	25.35	0.00
25	BOTANY	Dr. Deepankar Yadav	F-30-551/2021 (BSR) - 30-11-2021	Genomic wide analysis of annescin gene family in chick pea	UGC	10.00	8.00

SI No.	Deptt	List of Sponsored Research Project 2021-22				Rs in Lakh	
		P.I. Name	Sanction Letter No. & Dt.	Project Entitle	Funding Agency	Total Sanction	Amt Received in the session 2021-22
26	BOTANY	Dr. S. Shweta	F-30-551/2021 (BSR) - 29-07-2021	Taxonomy, Phytogeography and Dispersal strategies of the economically important tropical legume genus <i>Crotolaria</i> L.	UGC	10.00	8.00
27	Economics	Dr. Ravindra Kumar Sharma	ICSSR	Imapct of Covid -19 Pandemic on Livelihood of labours of MSME in Chhattisgarh (With Special Reference to Bilaspur District"	ICSSR	2.5	2.5